Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 10 Jul 2023 until 23:59 on Tuesday 11 Jul 2023

Forecast Issued on Monday 10 Jul 2023 at 04:37

Confidence: High confidence for unsettled conditions through the period, but lower confidence in precipitation detail.

Headline for Monday 10 Jul 2023: Showers developing with a spell of rain, heavy in places, in the afternoon and evening.

Mountain weather hazards on Monday 10 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Cloudy	Heavy Rain	Heavy rain showers	Heavy rain showers	Cloudy
Precipitation probability					
10%	30%	70%	90%	60%	40%

Forecast for Monday 10 Jul 2023

Weather: A dry start with some sunny spells, however showers will develop from mid-morning. A more persistent spell of rain, turning heavy and perhaps thundery at times, is expected during the afternoon, continuing well into the evening.

Chance of cloud-free hill tops above 600m: 70%.

Low cloud and visibility: Any overnight patches of summit cloud soon dispersing then cloud comfortably above summits during the morning, however cloud lowers towards 500m in heavier rain during the afternoon and evening. Visibility generally good at first but becoming poor in rain and showers later.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 10 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/26 SW	16/20 SW	17/23 S	22/30 S	24/33 S	22/31 SW	19/26 SW
300	11/17 S	12/17 SW	15/21 S	16/24 S	18/28 S	15/24 SW	11/18 S
Valley	6/16 S	8/15 SW	11/20 S	10/22 S	13/27 S	11/24 SW	7/19 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	12/9	14/11	13/9	14/10	12/9	11/8
300	13/11	15/13	17/14	16/13	16/13	15/12	14/12
Valley	13/12	16/15	18/16	16/15	17/15	15/14	14/13
Freezing Level*	2100m	2300m	2500m	2800m	2700m	2400m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Good conditions early on will deteriorate into the afternoon and evening as a spell of wet weather develops.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 10 Jul 2023	8.6mm	13.8mm	13.8mm

Forecast for Tuesday 11 Jul 2023

Weather: Further heavy and thundery showers will quickly develop through Tuesday morning, becoming fairly widespread and frequent by afternoon before easing into the evening. Some bright or sunny spells possible between showers.

Maximum wind: Southwest 20 mph gust 30 mph.

Chance of cloud-free hill tops above 600m: 30% at first, improving to 90% by afternoon but with brief deteriorations in heavy showers. .

Low cloud and visibility: Areas of cloud above 500m at first, giving some poor visibilities across summits at times, but these should soon lift above summits through the morning. Some brief patches likely to develop across the highest summits in heavy afternoon showers, otherwise visibilities generally good outside of showers.

Temperature: **Valleys:** Plus 12 degrees Celsius rising to Plus 20 degrees Celsius.
At 600m: Plus 13 degrees Celsius.
Freezing level: Above summits.

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